

Answers – Fractions

PAGE 1 1 a 2 b 2 c 2 d 10 e 35 f 20 g 24 h 12 i 6 j 24 k 20 l 20 m 21 n 18 o 15 p 12 2 a 1 b 2 c 10 d 5 e 7 f 25 g 7 h 3 i 54 j 64 k 20 l 70 3 a 48 b 24 c 36 d 200 e 4 f 32 g 56 h 4

PAGE 2 1 a $\frac{1}{2}$ b $\frac{3}{5}$ c $\frac{4}{5}$ d $\frac{2}{5}$ e $\frac{1}{8}$ f $\frac{2}{3}$ g $\frac{1}{3}$ h $\frac{1}{2}$ i $\frac{3}{16}$ j $\frac{1}{9}$ k $\frac{1}{7}$ l $\frac{2}{3}$ 2 a $\frac{13}{25}$ b $\frac{17}{64}$ c $\frac{2}{3}$ d $\frac{23}{24}$ e $\frac{3}{4}$ f $\frac{8}{11}$ g $\frac{8}{9}$ h $\frac{1}{4}$ i $\frac{3}{7}$ j $\frac{5}{21}$ k $\frac{19}{29}$ l $\frac{1}{25}$ m $\frac{1}{3}$ n $\frac{4}{5}$ o $\frac{5}{6}$ p $\frac{1}{8}$ 3 a $2\frac{3}{4}$ b $5\frac{1}{2}$ c $9\frac{1}{2}$ d $4\frac{1}{6}$ e $3\frac{1}{4}$ f $7\frac{1}{2}$ g $5\frac{2}{3}$ h $8\frac{1}{4}$

PAGE 3 1 a mixed b proper c improper d proper e mixed f mixed g mixed h mixed i improper j proper k improper l proper m proper n proper o mixed p improper

2 a $\frac{7}{5}$ b $\frac{29}{8}$ c $\frac{71}{9}$ d $\frac{17}{6}$ e $\frac{21}{2}$ f $\frac{65}{3}$ g $\frac{23}{4}$ h $\frac{41}{5}$ i $\frac{92}{3}$ j $\frac{113}{11}$ k $\frac{50}{7}$ l $\frac{19}{10}$ m $\frac{31}{6}$ n $\frac{211}{7}$ o $\frac{25}{9}$ p $\frac{36}{7}$ 3 a $1\frac{3}{7}$ b $2\frac{1}{2}$ c $2\frac{1}{3}$ d $2\frac{1}{4}$ e $1\frac{7}{13}$ f $17\frac{1}{2}$ g $9\frac{1}{3}$ h $5\frac{1}{7}$ i $5\frac{1}{8}$ j $9\frac{4}{5}$ k $7\frac{7}{8}$ l $7\frac{3}{7}$

PAGE 4 1 a $\frac{7}{10}$ b $\frac{3}{5}$ c $\frac{5}{8}$ d $\frac{7}{20}$ e $\frac{1}{4}$ f $\frac{4}{7}$ g $\frac{7}{9}$ h $\frac{5}{7}$ i $\frac{7}{9}$ j $\frac{2}{11}$ k $\frac{1}{11}$ l $\frac{1}{9}$ m $\frac{1}{3}$ n $\frac{4}{11}$ o $\frac{1}{3}$ 2 a $1\frac{1}{10}$ b $1\frac{1}{2}$ c $1\frac{2}{5}$ d $1\frac{1}{4}$ e $1\frac{3}{5}$ f $1\frac{3}{19}$ g $2\frac{4}{5}$ h $1\frac{1}{10}$ i $1\frac{7}{20}$ j $2\frac{1}{3}$ k $1\frac{4}{7}$ l $1\frac{1}{2}$ m $2\frac{1}{100}$ n $1\frac{1}{10}$ o $1\frac{2}{11}$

PAGE 5 1 a $\frac{2}{3}$ b $\frac{3}{10}$ c $\frac{19}{20}$ d $\frac{1}{4}$ e $\frac{1}{6}$ f $\frac{1}{2}$ g $\frac{5}{6}$ h $\frac{7}{12}$ i $\frac{12}{35}$ j $\frac{1}{12}$ k $\frac{7}{60}$ l $\frac{1}{8}$ 2 a $1\frac{1}{10}$ b $1\frac{1}{15}$ c $1\frac{1}{10}$ d $\frac{5}{12}$ e $\frac{1}{4}$ f $1\frac{2}{15}$ g $1\frac{5}{12}$ h $1\frac{11}{20}$ i $1\frac{19}{30}$ j $1\frac{1}{4}$ k $1\frac{1}{12}$ l $\frac{19}{20}$ 3 a $\frac{3}{10}$ b $\frac{2}{5}$ c $\frac{2}{15}$ d $\frac{9}{50}$ e $\frac{3}{50}$ f $\frac{1}{5}$ g $\frac{1}{18}$ h $\frac{11}{12}$ i $\frac{1}{9}$

PAGE 6 1 a $\frac{1}{4}$ b $\frac{1}{12}$ c $\frac{1}{28}$ d $\frac{1}{100}$ e $\frac{33}{100}$ f $\frac{21}{100}$ g $\frac{27}{100}$ h $\frac{3}{1000}$ i $\frac{27}{2000}$ j $\frac{1}{20}$ k $\frac{1}{36}$ l $\frac{5}{24}$ 2 a $\frac{1}{2}$ b $\frac{2}{5}$ c $\frac{6}{13}$ d $\frac{2}{7}$ e $\frac{1}{15}$ f $\frac{4}{7}$ g $\frac{7}{10}$ h $\frac{1}{5}$ i $\frac{7}{30}$ 3 a 5 b 3 c 5 d $\frac{1}{3}$ e 12 f 5 g 7 h 30 i 56 j 24 k 36 l 8

PAGE 7 1 a 2 b $1\frac{1}{2}$ c $\frac{7}{8}$ d $3\frac{2}{3}$ e $1\frac{2}{5}$ f $\frac{3}{5}$ g $1\frac{1}{2}$ h 2 i $\frac{20}{81}$ j 2 k 2 l $1\frac{1}{3}$ 2 a $7\frac{1}{2}$ b $2\frac{2}{3}$ c $2\frac{6}{7}$ d 3 e $6\frac{8}{15}$ f $16\frac{2}{3}$ g $2\frac{1}{7}$ h $4\frac{4}{5}$ i $3\frac{1}{3}$ 3 a 10 b 24 c $\frac{2}{9}$ d $\frac{1}{5}$ e $\frac{1}{30}$ f 81 g 4 h 144 i 32

PAGE 8 1 a \$9 b \$300 c 2 h d 40 min e 600 kg f 120 g g 1 h 24 min h 146 days i 40 cm j \$45 k \$24 l 200 g 2 a 31 b 24 c \$140 d 133 e 50 f 30 g 25 h 3 h i 15 min 3 a \$66 b 144 c 220 d 22 e 360 f 90 g 7 years h 13 weeks i 800 m

PAGE 9 1 a $8\frac{1}{2}$ b $8\frac{1}{4}$ c $5\frac{1}{5}$ d $3\frac{1}{4}$ e 8 f 4 g $3\frac{1}{10}$ h $3\frac{1}{5}$ i $7\frac{1}{2}$ j $3\frac{2}{5}$ k $1\frac{3}{4}$ l 5 2 a $4\frac{3}{4}$ b $2\frac{5}{8}$ c $6\frac{19}{30}$ d $19\frac{1}{2}$ e $\frac{3}{8}$ f $5\frac{13}{16}$ g $19\frac{17}{35}$ h $8\frac{3}{4}$ i $8\frac{1}{2}$ 3 a $16\frac{1}{2}$ b $5\frac{1}{35}$ c $1\frac{5}{22}$ d $5\frac{6}{7}$ e $2\frac{1}{5}$ f 3 g $2\frac{1}{6}$ h $4\frac{1}{2}$ i 1

PAGE 10 1 $1\frac{1}{4}$ 2 $2\frac{7}{20}$ 3 $\frac{2}{3}$ 4 640 5 $\frac{1}{6}$ 6 $26\frac{1}{4}$ 7 10 cm 8 60 L 9 $8\frac{3}{20}$ kg 10 $436\frac{4}{11}$ km/h 11 6 12 $33\frac{1}{16}$ cm² 13 $8\frac{9}{10}$ h

PAGE 11 1 B 2 C 3 C 4 B 5 A 6 A 7 C 8 A 9 B 10 D 11 D 12 B

PAGE 12 1 49 2 $\frac{3}{4}$ 3 $7\frac{2}{3}$ 4 $\frac{43}{9}$ 5 $9\frac{1}{4}$ 6 $\frac{7}{10}$ 7 $\frac{3}{7}$ 8 $1\frac{8}{21}$ 9 $\frac{7}{18}$ 10 $\frac{15}{49}$ 11 $\frac{1}{6}$ 12 $\frac{5}{12}$ 13 $37\frac{1}{2}$ 14 $\frac{2}{3}$ 15 $\frac{6}{7}$